

# FILE NOTATIONS

Entered in NID File .....  
 Location Map Pinned .....  
 Card Indexed .....

Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed .....

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected .....

Bond released

State or Fee Land .....

## LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

..... Dual I Lat..... GR-N..... Micro.....

..... MI-L..... Sonic.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fed. Lease U-013146
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME Bridger Lake Unit
3. ADDRESS OF OPERATOR P. O. Box 2331, Casper, Wyoming 82601 SW NE SE		8. FARM OR LEASE NAME Fork "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1120' FEL & 1820' FSL NE/4 SE/4 At proposed prod. zone		9. WELL NO. 12
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Bridger Lake
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13-3N.-15E. 14E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 15,800'	12. COUNTY OR PARISH Summit
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8732' Gr	20. ROTARY OR CABLE TOOLS Rotary	13. STATE Utah
22. APPROX. DATE WORK WILL START*		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" OD	48#	400'	Circulate to surface
12-1/4"	9-5/8" OD	36#	8900'	1000' Fill up
8-3/4"	7" OD	29-26-23#	15800'	1000' Fill up

It is proposed to drill to approximately 15,800' to test Dakota Zone.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By: J. P. DENNY  
SIGNED TITLE District Superintendent DATE June 4, 1970

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# CERTIFICATE OF SURVEYOR

State of Wyoming )  
County of Sublette ) ss

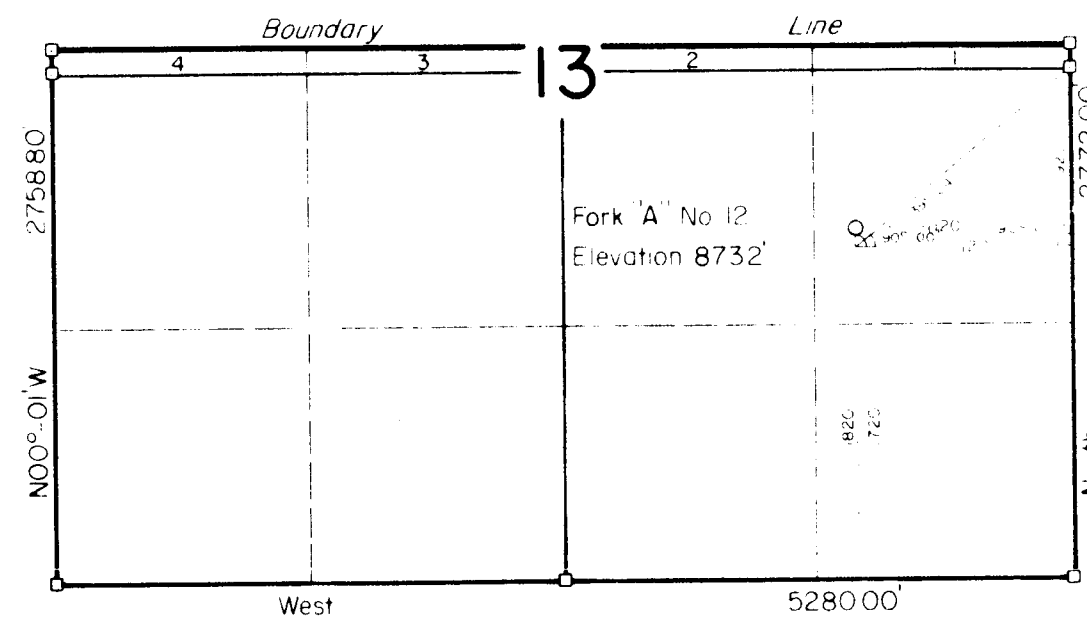
I, Paul N. Scherbel of Big Piney, Wyoming hereby certify that this map was made from notes taken during an actual survey made by me on 15, 19 and 21 November 1969 and that it correctly represents the location described thereon with the section dimensions of record on the official original survey plat of T3N, R14E, SLB&M

*Paul N. Scherbel*

Land Surveyor — Registration No. 670

## T3N R14E SLB&M

— WYOMING UINTA COUNTY —



Elevation based upon USGS BETSY = 8670'

□ indicates a Certified Land Corner Recordation Certificate filed

PHILLIPS PETROLEUM COMPANY

FORK "A" NO. 12

NE/4SE/4 SECTION 13 T3N R14E SLB&M

SUMMIT COUNTY, UTAH

SCALE 1" = 1000'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Phillips Petroleum Company

## 3. ADDRESS OF OPERATOR

P. O. Box 2331, Casper, Wyoming 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1120' FEL &amp; 1820' FSL NE/4 SE/4

At proposed prod. zone

API NO. 43-043-30003

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

15,800'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

8732' Gr.

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" OD ✓	48#	400'	Circulate to surface ✓
12-1/4"	9-5/8" OD ✓	36#	8900'	1000' Fill up ✓
8-3/4"	7" OD	29-26-23#	15800'	1000' Fill up ✓

It is proposed to drill to approximately 15,800' to test Dakota Zone.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE

BY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

Original Signed By:

SIGNED J. P. DENNY

TITLE District Superintendent

DATE June 4, 1970

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Phillips Petroleum Company

## 3. ADDRESS OF OPERATOR

P. O. Box 2331, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

1120' FEL &amp; 1820' FSL NE/4 SE/4

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

8732' Gr.

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

15,800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" OD	48#	400'	Circulate to surface
12-1/4"	9-5/8" OD	36#	8900'	1000' Fillup
8-3/4"	7" OD	29-26-23#	15800'	1000' Fillup

It is proposed to drill to approximately 15,800' to test Dakota Zone.

(Corrected Application. Note change in location to Range 14E.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

Original Signed By:

SIGNED J. P. DENNY

TITLE District Superintendent

DATE June 10, 1970

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Utah  
FIELD OFFICE  
LEASE NUMBER 013145  
UNIT Bridger Lake

Page 2 of 2 Pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake  
The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1970, Fork A Lease  
Agent's address Box 2331 Company Phillips Petroleum Company  
Casper, Wyoming Signed J. P. DENNY  
Phone 237-3191 Agent's title District Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		Spudded 17-1/2" hole June 24, 1970, drld to 470'. Ran 13-3/8" surface casing set at 473', cemented to surface with 500 sacks. Drilling ahead in 12-1/4" hole at 8009' in conglomerate. Blow-out preventer tests are being performed weekly.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;  
\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE Utah  
LEASE NUMBER 031345  
UNIT Bridger Lake

Page 2 of 2 Pages

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake

The following is a correct report of operations and production (including drilling and producing wells) for the month of Aug. August, 1970, Fork A Lease

Agent's address Box 2331 Company Phillips Petroleum Company

Casper, Wyoming Signed J. P. DENNY

Phone 237-3791 Agent's title District Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		At TD 8675', logged hole, ran 9-5/8" casing and set 8675'. Cemented first stage with 630 sacks and second stage through opened DV collar 1008' to surface with 560 sacks. Drilled plug and DV collar, tested casing to 2000 psi, OK. Drilled float collar, cement and guide shoe. Now drilling ahead in 8-3/4" hole at 11,477' sand and shale. BOP tests are being conducted on regular weekly schedule.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah  
LEASE NUMBER 013145  
UNIT Bridger Lake

Page 2 of 2 Pages

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake  
The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1970,  
Agent's address Box 2331 Fork A Lease  
Casper, Wyoming Company Phillips Petroleum Company  
Phone 237-3791 Signed J. P. DENNY  
Agent's title Area Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		Drilling at 14,769 sand and shale.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;  
\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
**Utah**  
LAND OFFICE  
LEASE NUMBER **013145**  
UNIT **Bridger Lake**

Page 2 of 2 Pages

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1970, Fork A Lease

Agent's address Box 2920 Company Phillips Petroleum Company

Casper, Wyoming

Signed J. P. DENNY

Phone 237-3791 Agent's title Production Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		Drilled 8-3/4" hole to 15,500'. Ran Sonic CR Caliper, DI-LL, BHC Sonic Logs. 7" casing set 15,487' w/440 sx Class G Cement, 10% Diacel D, 3/10 of 1" LWL, 1/4" Flocele per sx. Pumped plug to 15440, 3:00 A.M., October 31, 1970.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Utah  
LEASE NUMBER 013145  
UNIT Bridger Lake

Page 2 of 2 Pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1970, Fork A Lease

Agent's address Box 2920 Company Phillips Petroleum Company

Casper, Wyoming Signed J. P. DENNY

Phone 237-3791 Agent's title Production Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		Moved out Rotary, RU WS Unit, drilled cement, ran GR Caliper Log and C.O. to PTD of 15,458' (OTD 15,500'). Perforated 7" csg 15,422'-450' (15,400'-428' Sch. Meas.) w/4 jet shots/ft. Swab testing through 3-1/2" tubing from 4500'; packer set 15330', November 30, 1970.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYAND OFFICE Utah  
LEASE NUMBER 013145  
UNIT Bridger Lake

Page 2 of 2

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake  
The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1970, Fork A Lease  
Agent's address Box 2920 Company Phillips Petroleum Company  
Casper, Wyoming Signed J. P. DENNY  
Phone 237-3791 Agent's title Production Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12							Attempted to acidize down tbgs w/1400 gal 15% HCL, 55 gal LP-55, 2800 gal 3% HF, 12% HCL w/inhibitor, 2800 gal #2 diesel, 10% Egmbe, press annulus and tbgs together until csg had 300 psi. Set pkr and closed csg. Continued pumping into tbgs to 7000#. Tbg started communicating to annulus up to 5000#. Bled off. Repeated press up to Max. Press. 8000# TP, 7000# CP. Csg & tbgs would bleed off to 6200# in 10 min. No formation break after 6 hrs. Reversed out acid, SD overnite. COOH w/tbgs & pkr. Raised pkr 1 jt., reversed out acid w/100 BW. Press tbgs & circulate w/1200#. Picked up 6 jts tbgs. WIH to 15400. Rev circulated acid down to perfs, press increased, found 1/2 of 2-1/2" Bakelite ball in swage on wellhead, restricting circ, press formation w/2000#, bled off 200# in 20 min. Halliburton pressured formation twice to 5000#, bled to 4350# in 20 min. COOH w/tbgs & pkr. 459th jt. had washed out seal on pin. Hydrotested 4 1/4 jts. 3-1/2" tbgs to 5500#. Ran tbgs & set pkr at 15225 w/tail pipe at 15415. Acidized down tbgs w/1400 gal 15% HCL, 55 gal LP-55, 2800 gal 3% HF, 12% HCL w/inhibitor, 1400 gal #2 diesel oil w/10% Misol, Max. Press 1400, CP 1300, Avg rate 1-1/4 BPM. Swabbed to recover load oil & acid water, 29 BLO & 33 BAW to recover. COOH w/tbgs & pkr. Perforated 7" csg w/4 Omega Jets/ft. 15362-15354 (15339-15331 Sch. Meas.). Went in hole w/3-1/2" tbgs & pkr & Bridge Plug to test "C" Zone. Set BP at 15394, pkr 15309. Swabbed to 15309 in 6 hrs, recovered 134 BLW w/trace oil last swab run. Acidized w/400 gal 15% HCL, 4 gal Hyflo, 55 gal LP-55, 3 gal HAI-50, 800 gal 12% HCL, 3% HF, 6 gal Hyflo, 5 gal HAI-50, 800 gal diesel oil w/10% Misol. Max. Press 7400 broke to 5300# when acid hit perfs. Swabbed & rec 68 BLW in 2 hrs, 20 bbls diesel oil & 96 BAW to recover. Swabbed to 13400 in 4 hrs, rec 19 BAW, trace of oil load & acid water recovered. Swabbed to pkr at 15309 in 5 hrs, rec 34 bbls wtr w/trace oil. Loaded tbgs w/110 bbls water. Pulled tbgs & pkr & perforated 7" csg w/4 Jets/ft. 15240-220 (15218-198 Schl. Meas.). 12 hr SICP 450#, bled down immediately but continued flowing small stream water. Ran tbgs & pkr, set pkr 15295. Rev. circ w/420 BW, return gas cut. Raised pkr to 15157 - TP & CP 500# bled both off immediately - Sl. flow water from tbgs.
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

AKB  
P2

DIVISION OF OIL & GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES

PLUGGING PROGRAMS  
\*\*\*\*\*

NAME OF COMPANY: PHILLIPS PETROLEUM COMPANY

WELL NAME: BRIDGER LAKE FORK "A" #12

Sec.        Township        Range        County        Summit       

Verbal Approval Was Given to Plug the Above Mentioned Well in the Following Manner:

T.D. 15,500'	9 5/8" at 8675 with 600 sacks at shoe
approximate Mesaverde: 11,050	Stage collar at 1,000 with cement circulated to surface
Open zones tested:	
Dakota "A" - 15,400-428	7/8" at 15,487 with cement top at 14,800'
"C" 15,331-339	
"E" 15,198-218	Some oil shows at: Dakota "A", "C",
Mowry - 15,026-031	Some gas and water at: "E"
	Bottom hole pressure indicates different reservoir

PLUGGING PROGRAM:

inside 7" - fill with cement (14,800')

will try to pull 7", think it will come loose within Hilliard, place 40 sacks on top of 7" stub

40 sacks at top of Mesaverde

bottom of fresh water - 8200

9 5/8" goes through fresh water, set 40 sacks at bottom, 8650

leave 9 5/8 in hole

10 sacks at surface with marker

Date Approved: 1-15-71

(C. S. G. S.)

Signed: [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI.  
(Other instructions  
verse side)

FE-  
re-

Form approved.  
Budget Bureau No. 42-B1424

5. LEASE DESIGNATION AND SERIAL NO.

Fed. Lease U-013146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole		7. UNIT AGREEMENT NAME Bridger Lake Unit	
2. NAME OF OPERATOR Phillips Petroleum Company		8. FARM OR LEASE NAME Fork "A"	
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, Wyoming 82601		9. WELL NO. 12	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1120' FEL & 1820' FSL NE/4 SE/4 API No. 43-043-30003		10. FIELD AND POOL, OR WILDCAT / Bridger Lake	
14. PERMIT NO.		11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA Sec. 13-3N-14E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8751' RKB		12. COUNTY OR PARISH Summit	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was found to be non-productive after drilling to 15,500' TD, 15458' PTD, in the Dakota Formation and extensive testing of the various zones.

It is proposed to plug and abandon well by spotting five cement plugs at following depths:

1. Spot 125 sack plug (reg. Type "G" with 0.3% LWL) from TD 15458' to 14,800'.
2. Spot 40 sack plug (reg. type "G" with 0.3% LWL) on top (not in) of 7" stub.
3. Spot 40 sack plug (reg. type "G" with 0.3% LWL) at 11,050'.
4. Spot 40 sack plug (reg. Type "G") with bottom at 8650' (inside 9-5/8").
5. Spot 5 sack plug (reg. type "G") in top of 9-5/8".

Erect Dry Hole Marker (10' piece of 4") with "PPCO. Fork A-12, SE/4 Sec. 13-T3N-R14E" marked on it. Leave at least 4' of the pipe above ground level.

Verbal approval given D. E. Jones by Mr. Gerald Daniels, USGS District Engineer at Salt Lake City 1-15-71.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Area Superintendent

DATE 1-15-71

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE

BY

- 3 - USGS - Salt Lake City, Utah
- 1 - Utah O&G CC - Salt Lake City, Utah
- 1 - File

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R358.5.

OFFICE Utah  
LEASE NUMBER 013145  
UNIT Bridger Lake

Page 2 of 2

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Bridger Lake

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1971, Fork A Lease

Agent's address Box 2920 Company Phillips Petroleum Company

Casper, Wyoming Signed J. P. DENNY

Phone 237-3791 Agent's title Production Superintendent

SEC. AND ¼ or ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12							
<p>Swabbed 140 BGCW in 5 hrs fr 1900'. Rel Pkr, reset BP 15157. Pulled 3½" tbg &amp; pkr. McCullough Perforated Mowry Zone w/4 jet shots per foot fr 15046-15051 equals 15026-15031 Sch. Meas., 12 hr SICP 500#. Ran tbg &amp; pkr to test Mowry Zone. Bled Press of csg died immediately, SICP 17 hrs 800#. Set Pkr 15005 - Swbd 9 hrs rec 204 BP fr 8200', trace oil Swbd 35 BO, 140 BW in 7 hrs fr 7500' - FL raised fr 7500 to 1800 from surface, SD 12 hr, SITP 725#. Flowed 3 BO &amp; died, Swabbed 14 BO, 186 BW in 7½ hrs fr 8200 - showing SL more gas, SD overnite. Lab water analysis on Mowry as follows: Sodium 3535 PPM, Calcium 170, Magnesium 61, Iron Present, Sulfate 265, Chloride 5025, Bicarbonate 1220, Carbonate 0, Hydrogen Sulfide Absent, Total Solids 9675, NaCl 9305, PA 6.7, Resistivity at 68 deg. .68 ohms. Analysis indicates Dakota Water.</p> <p>Rev circ tbg w/130 bbls fresh water, rel RTTS Tool, moved BP fr 15157 to 15295. Set RTTS Tool at 15285. Tested BP w/1000# for 10 min-OK, Reset RTTS Tool at 15158. Press Perfs 15046-15051 to 1600# - 15 min-OK. Press Perfs 15220-15240 thru tbg to 1500#. Bled to 425# in 40 min. Tbg &amp; Csg flowing small stream fluid, Swbd 85 bbls GC Wtr in 3 hrs. FL 4600, SITP 400#, SICP 800# Swbd 8 hrs, rec 221 bbls GOC Wtr/10 BO, 211 BW, FL 8400. Ran BHP Bomb to 15200 on bottom 13 hrs. Field reading E Zone at center perfs 7129, reset BP 15394, set RTTS Tool 15309, Ran BHP Bomb of C Zone on bottom 16½ hrs. Field reading C Zone to center perfs 6566#. BHP after 13 hrs in C Zone Field Reading 6566# at 15357. Reset BP at 15157. Set RTTS Tool at 15006. Ran BHP to 14950, 15048 BH Press, 7445# after 18 hrs. Rel RTTS Tool, latched to BP. Pulled tbg, RTTS tool &amp; BP. WTH w/RTTS Tool set at 14769, pmpd into form. w/Halliburton, 10 BW at 5000#. Pmpg rate 1-2 BPM. Mixed &amp; sptd 225 sx Class G Cement w/.3% LML. Sqzd Mowry Form. and Dakota Form. A, C &amp; E Zones. Max Press 7000#, Hold Press 7000#, Reversed out 75 sx cmt, 95 sx into csg below pkr. Approx. 55 sx sqzd into form., top cmt 14774, completed 6:20 PM 1/17/71. Re-set RTTS Tool at 14614, press to 1000# - OK, SD overnite. Rel RTTS Tool. Pulled tbg &amp; pkr, preparing to pull csg. Actual Calc. BHP are as follows: E Zone 7156# at 15230, C Zone 6671# at 15358, Mowry Zone 7381# at 15048. Cut off 7" csg at 8700' - Pulling 7" csg 186 jts out. PTD 14774.</p>										

NW SE

Sec. 17 3N 14E 13 Location.

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5  
**Utah**  
LAND OFFICE  
LEASE NUMBER **013145**  
UNIT **Bridger Lake**

Page 2 of 2  
**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Bridger Lake  
The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1971, Fork A Lease  
Agent's address Box 2920 Company Phillips Petroleum Company  
Casper, Wyoming Original Signed By: J. P. DENNY  
Signed J. P. DENNY  
Phone 237-3791 Agent's title Production Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 36	3N	14E	9		Location.					
NE SE Sec. 13	3N	14E	12		Finished pulling 7" casing - recovered total 225 joints and 1 pc. 8789.85' overall. Ran 3-1/2" open ended tubing and spotted two 40 sx cement plugs from 8695 to 8619 and 8615 to 8539, February 3, 1971. Spotted 10 sx cement surface plug and erected dry hole marker. Well Plugged and Abandoned at 3:00 PM, February 3, 1971.					
NW SE Sec. 17	3N	14E	13		Location.					

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIP.  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Dry Hole</b>		7. UNIT AGREEMENT NAME <b>Bridger Lake Unit</b>	
2. NAME OF OPERATOR <b>Phillips Petroleum Company</b>		8. FARM OR LEASE NAME <b>Fork "A"</b>	
3. ADDRESS OF OPERATOR <b>P. O. Box 2920, Casper, Wyoming 82601</b>		9. WELL NO. <b>12</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1120' FEL &amp; 1820' FSL, NE/4, SE/4</b>		10. FIELD AND POOL, OR WILDCAT <b>Bridger Lake</b>	
14. PERMIT NO. <b>API No. 43-043-30003</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 13-3N-14E</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>8751' RKB</b>		12. COUNTY OR PARISH <b>Summit</b>	
		13. STATE <b>Utah</b>	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was drilled to 15,500' TD, 15,458' PTD in the Dakota Formation and found to be non-productive. Plugging operations verbally approved by Mr. Gerald Daniels, USGS District Engineer at Salt Lake City and given to Mr. D. E. Jones, Phillips Petroleum Co. 1-15-71, as follows: with exception we were unable to set 40' cement plug at 11,050' as originally intended as we were unable to cut off 7" casing below 8700'.

Set RTTS Tool at 14,769, pumped 10 BW into formation at 5000#, pumping rate 1-2 BPM. Spotted 225 sx. Class G Cement with .3% LWL. Squeezed Mowry and Dakota A, C, & E Zones. Max. Press. 7000#, Holding Press. 7000#. Reversed out 75 sx. cement, 95 sx into casing below packer. Approximately 55 sx. squeezed into formations - Top Cement 14,774'. Pulled 5 jts. tubing, reset RTTS Tool at 14,614'. Pressured to 1000#, OK Job Completed 1-17-71.

McCullough ran casing cutter, cut off 7" casing at 8700'. 2-1-71 Pulled and recovered 225 jts. and 1 pc. 8789.85' 7" casing. Spotted 2 - 40 sx. cement plugs from 8695 to 8619' and 8615 to 8539', inside 9-5/8" casing. Completed 2-3-71.

Spotted 10 sx. cement to surface, erected dry hole marker. Plugged and abandoned 3 PM 2-8-71.

473' of 13-3/8" OD, 48# SS Csg., 8675' of 9-5/8" OD, 36# SS Csg. and 6787' of 7" OD, 38# & 35# SS Csg. left in hole.

18. I hereby certify that the foregoing is true and correct

Original Signed By:

SIGNED J. P. DENNYTITLE Prod. SuperintendentDATE 3-1-71

(This space for Federal office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 2920, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

At top prod. interval reported below

At total depth 1120' FEL & 1820' FSL, NE/4, SE/4

14. PERMIT NO.

DATE ISSUED

API 43-043-30003

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

6-24-70

10-19-70

Plugged 2-8-71

8751' RKB

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

15,500

15,458

→

Q-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

15110-15430 - Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sch. DI-LL BHC Sonic Log CR/Ctr.loc.

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"OD	48	473	17-1/2"	500 sx. Class G, 2% CaCl	-
9-5/8"OD	36	8675	12-1/4"	1190 Class G, 2% CaCl	-
7"OD	38 & 35	15487	8-3/4"	440 sx. Class G, 10% Diacel D. 3 of 12 LBL, #flocele/sx	6765

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

15422-450 w/ 4 jet shots/ft.  
15240-220 w/ 4 jet shots/ft.  
15046-15051 w/ 4 jet shots/ft.  
15362-15354 w/ 4 jet shots/ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15250-15458	140 gal 15%, 2800 gal. 12% HCL (No formation break, rev. out acid recirculated down to perfs.)
15225-15458	1400 gal 15%, 2800 gal 12% HCL

33.\* PRODUCTION 15309-15394 400 gal 15%, 800 gal 12% HCL

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

Non productive

Plugged & Abandoned 2-8-71

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Signed By:

SIGNED J. P. LEBBY

TITLE Prod. Superintendent

DATE 3-2-71

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal agency. The instructions on pages 20 and 22 below regarding separate reports for separate completions.

See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions, and/or State office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. Consult local State

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, showing the additional data pertinent to such interval.

for each additional interval to be separately produced, showing the additional data pertinent to such interval. (See instruction for items 22 and 24 above.)

**Item 23:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 24:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
DESCRIPTION, CONTENTS, ETC.		TOP TRUE VERT. DEPTH	
		Mesaverda Hilliard Frontier Mowry Mowry Sand Dakota Morrison	10,661 12,436 14,686 14,802 15,022 15,110 15,430